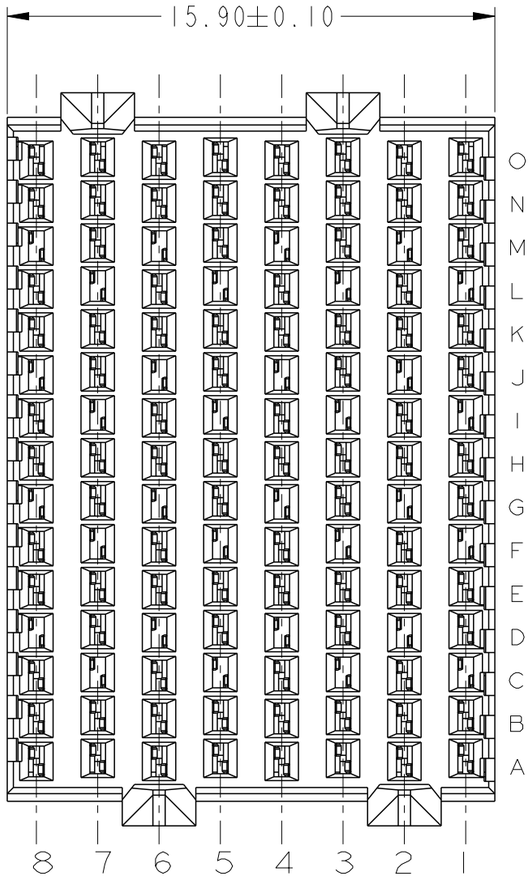
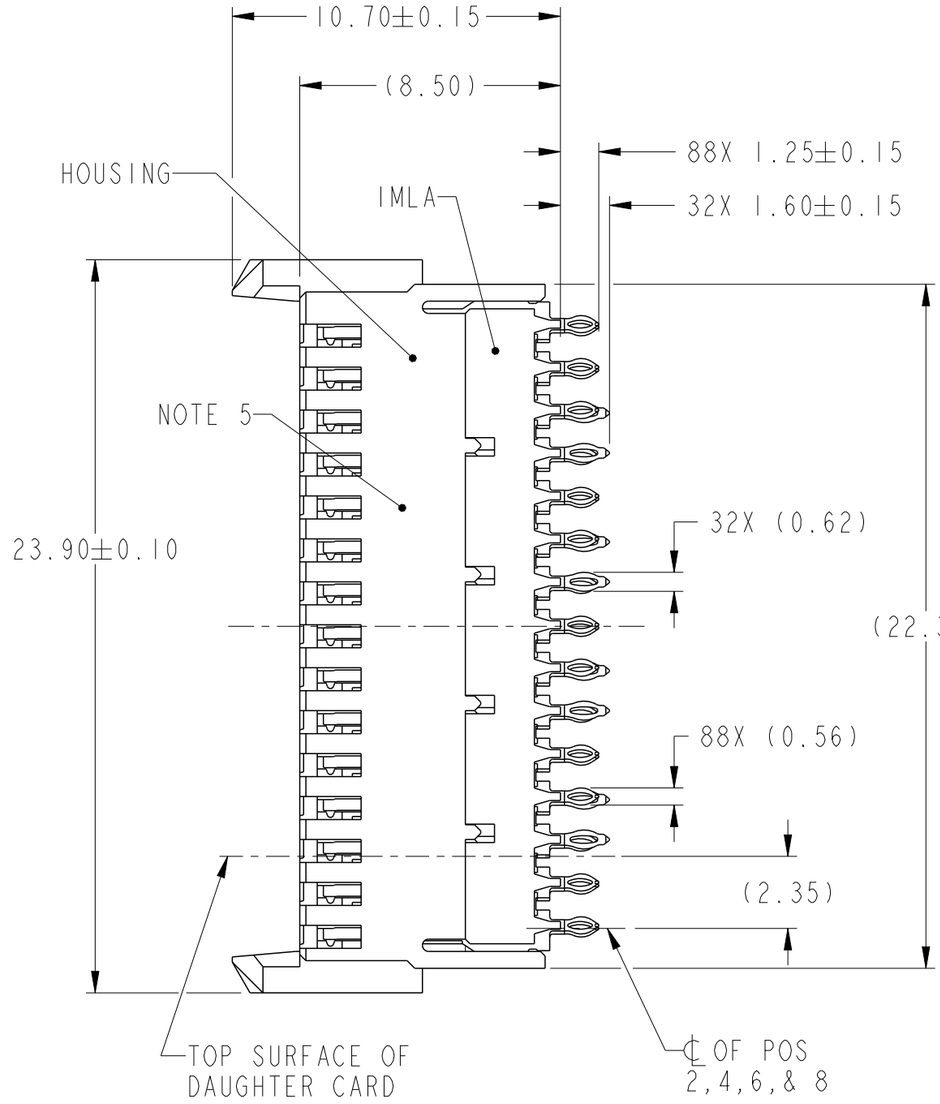
PRODUCT NUMBER
SEE TABLE, SHEET 4





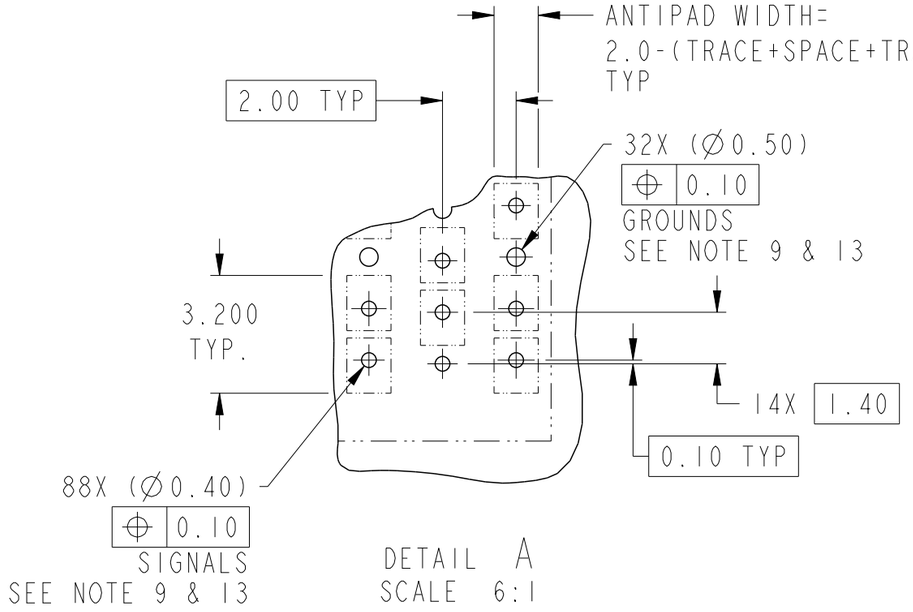
spec ref				dr	M Srinivasan	2012/05/15	projection	MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/01/15		
				chr	-	-		
				appr	Chen-Hong Tan	2015/01/15	product family	AirMax VS
surface - ASME Y14.5	linear	0.X	±0.3	www.fci.com				
		0.XX	±0.10					
		0.XXX	±0.050					
	angular	0°	±2°					

size	scale
A3	5:1
ecn no	-
rel level	Released

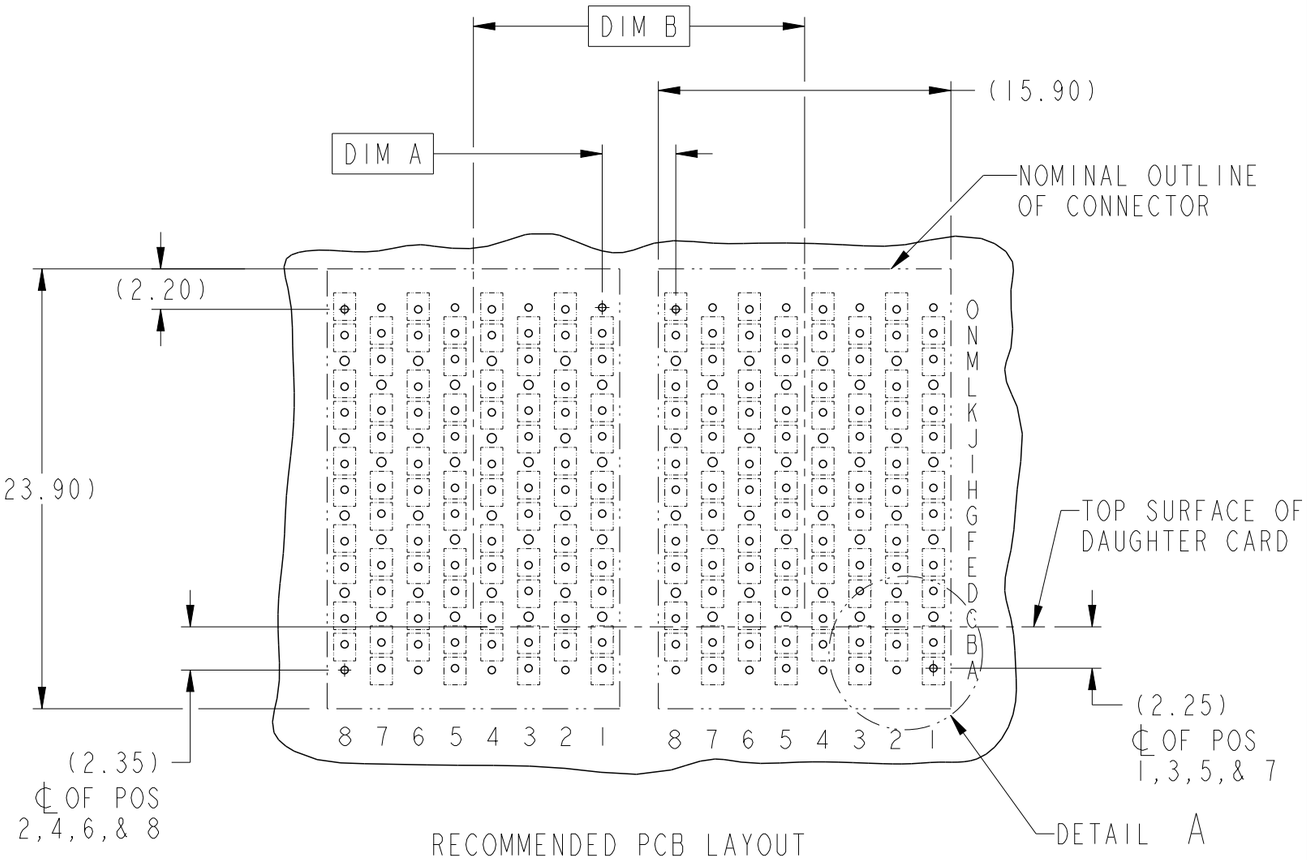
title	dwg no	rev
AirMax VS VERT RECPT ASSY SMALL PRESS-FIT, 120 POSITION, 16mm	10120771	A

cat. no.		Product - Customer Drw	sheet 1 of 3

ADJACENT HEADER WIDTHS	DIM A	DIM B
16MM/16MM	2.00	16.00
18MM/18MM	4.00	18.00
16MM/18MM	3.00	17.00



DETAIL A
SCALE 6:1



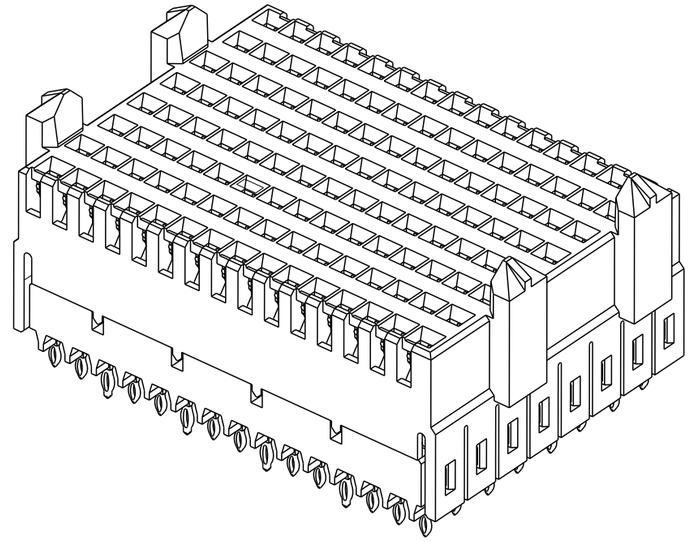
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7
SCALE 3:1

spec ref				dr	M Srinivasan	2012/05/15	projection	MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/01/15		
				chr	-	-		
				appr	Chen-Hong Tan	2015/01/15	product family	AirMax VS
surface -	linear	0.X	±0.3	FCI	title	AirMax VS VERT RECPT ASSY	dwg no	10120771
		0.XX	±0.10			SMALL PRESS-FIT, 120 POSITION, 16mm		
		0.XXX	±0.050					
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	

size	scale	rev
A3	5:1	A

ecn no -
rel level **Released**
sheet 2 of 3

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10120771-101	TIN/LEAD ALLOY OVER NICKEL
10120771-101LF	TIN OVER NICKEL (LEAD FREE)



SCALE 4:1

NOTES:

1. CONNECTOR MATERIALS:
   HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
   IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
   CONTACT: COPPER ALLOY

2. CONTACT PLATING:
   SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-239, INCLUDING TELCORDIA GR-1217-CORE (November 1995) CENTRAL OFFICE TEST SEQUENCE.

   PRESS-FIT TAILS: SEE TABLE

3. PRODUCT SPECIFICATION: GS-12-239

4. APPLICATION SPECIFICATION: GS-20-035

5. PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE

6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES

7. POSITIONS F & L OF ODD NUMBERED COLUMNS AND POSITIONS G & M OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS

8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM

9. REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.

10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

12. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION

13. GROUND VIAS IN POSITON C, F, I & L FOR ODD COLUMNS AND POSITIONS D, G, J & M FOR EVEN COLUMNS REQUIRE (∅0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (∅0.40) FINISHED HOLES.

14. A △1 SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref				dr	M Srinivasan	2012/05/15	projection	MM	size A3 / scale 5:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2015/01/15			
				chr	-	-			ecn no -
				appr	Chen-Hong Tan	2015/01/15	product family	AirMax VS	rel level Released
surface - ASME Y14.5	linear	0.X	±0.3	FCI	title	AirMax VS VERT RECPT ASSY	dwg no	10120771	rev A
		0.XX	±0.10			SMALL PRESS-FIT, 120 POSITION, 16mm			
		0.XXX	±0.050	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 3
	angular	0°	±2°						